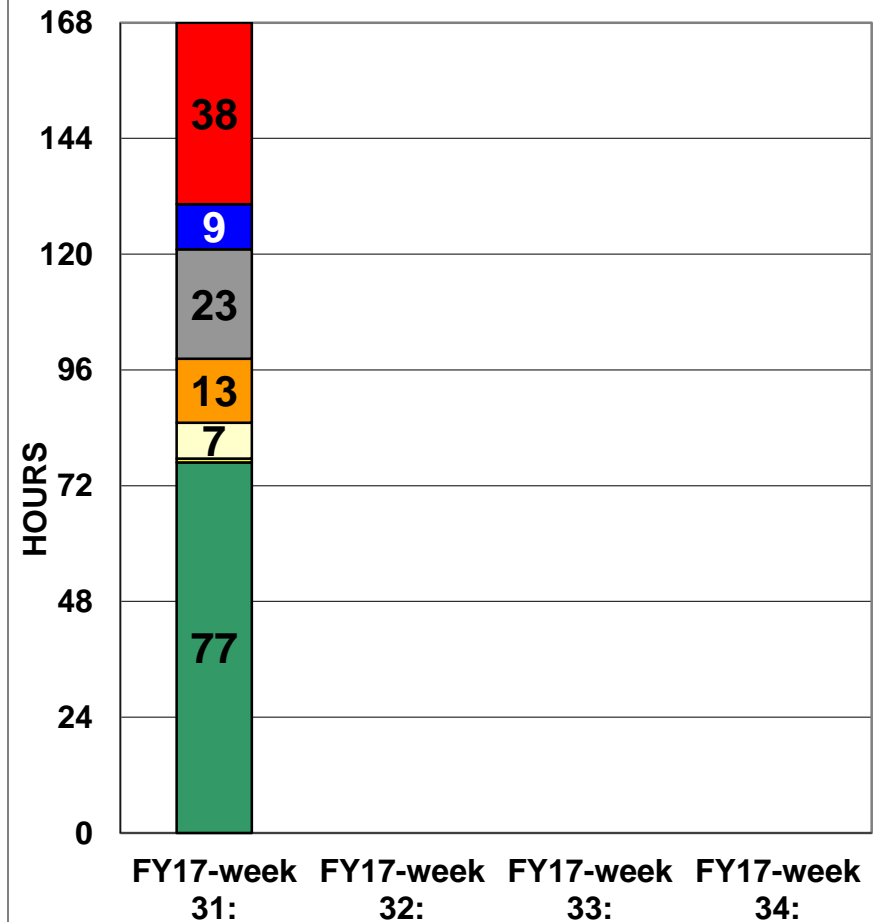
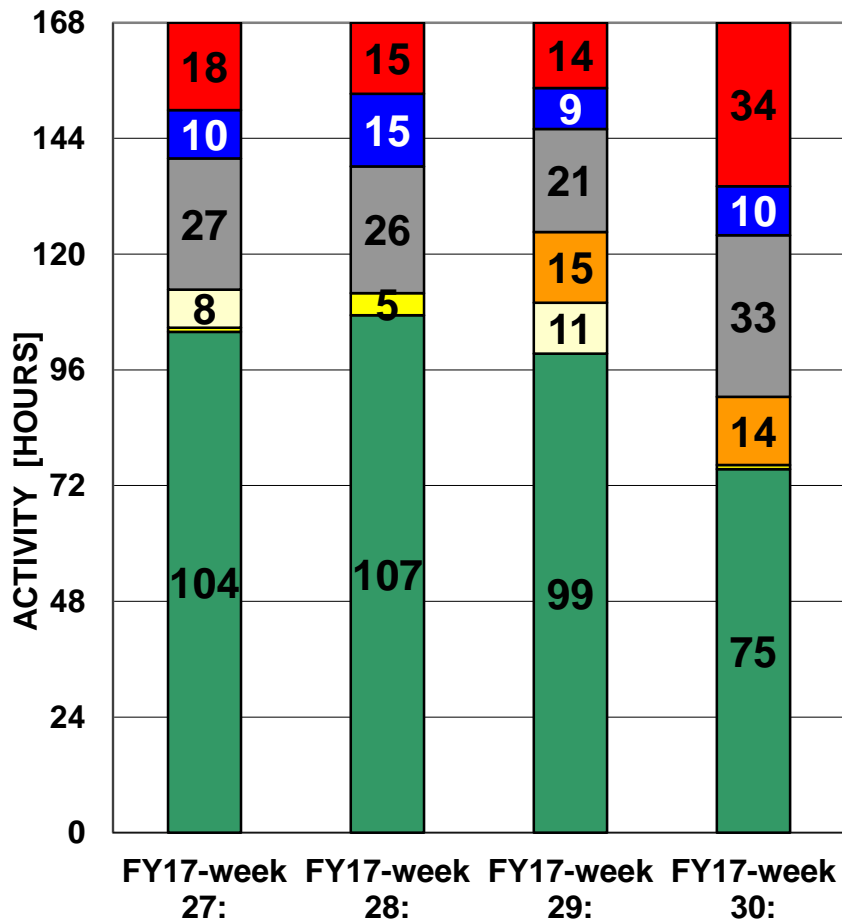


# C-AD ACTIVITY

## APRIL, MAY 2017



# INTEGRATED FAILURES (GREATER THAN ONE HOUR) BY SYSTEM -- MAY 2017

## LINAC\_Rf

Mod3 & Mod4 – changed power tube

## Elec AGS

928 feed circuit opened Saturday AM

## Elec RHIC

Power Dip – magnets quenched

## PS AGS

Unable to disconnect MMPS from the RING for LOTO/Sweep

## Injector Performance

Recovery from 928 feeder power outage

## Access Controls AGS

Sweeps lost when 928 breaker was reset

## Access Controls LINAC

LINAC/Booster/AGS sweep status “not shared” – causing confusion and lost sweeps

## Human Error

LOTO lock not removed

Re-sweep – sweep integrity questioned

## Experiments

CeC beam loss caused RHIC beam abort

STAR – trigger crate and FPS LVPS

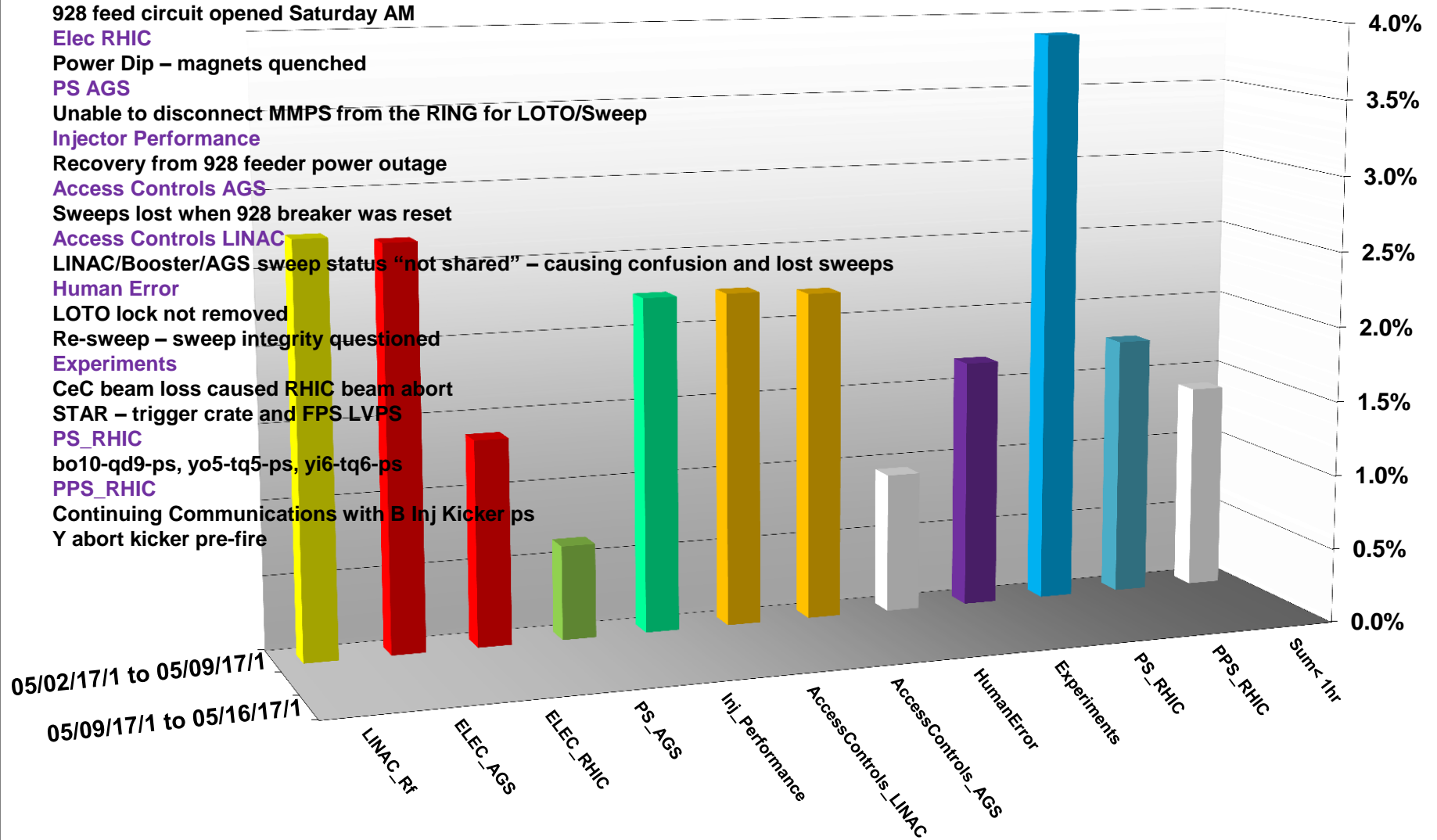
## PS\_RHIC

bo10-qd9-ps, yo5-tq5-ps, yi6-tq6-ps

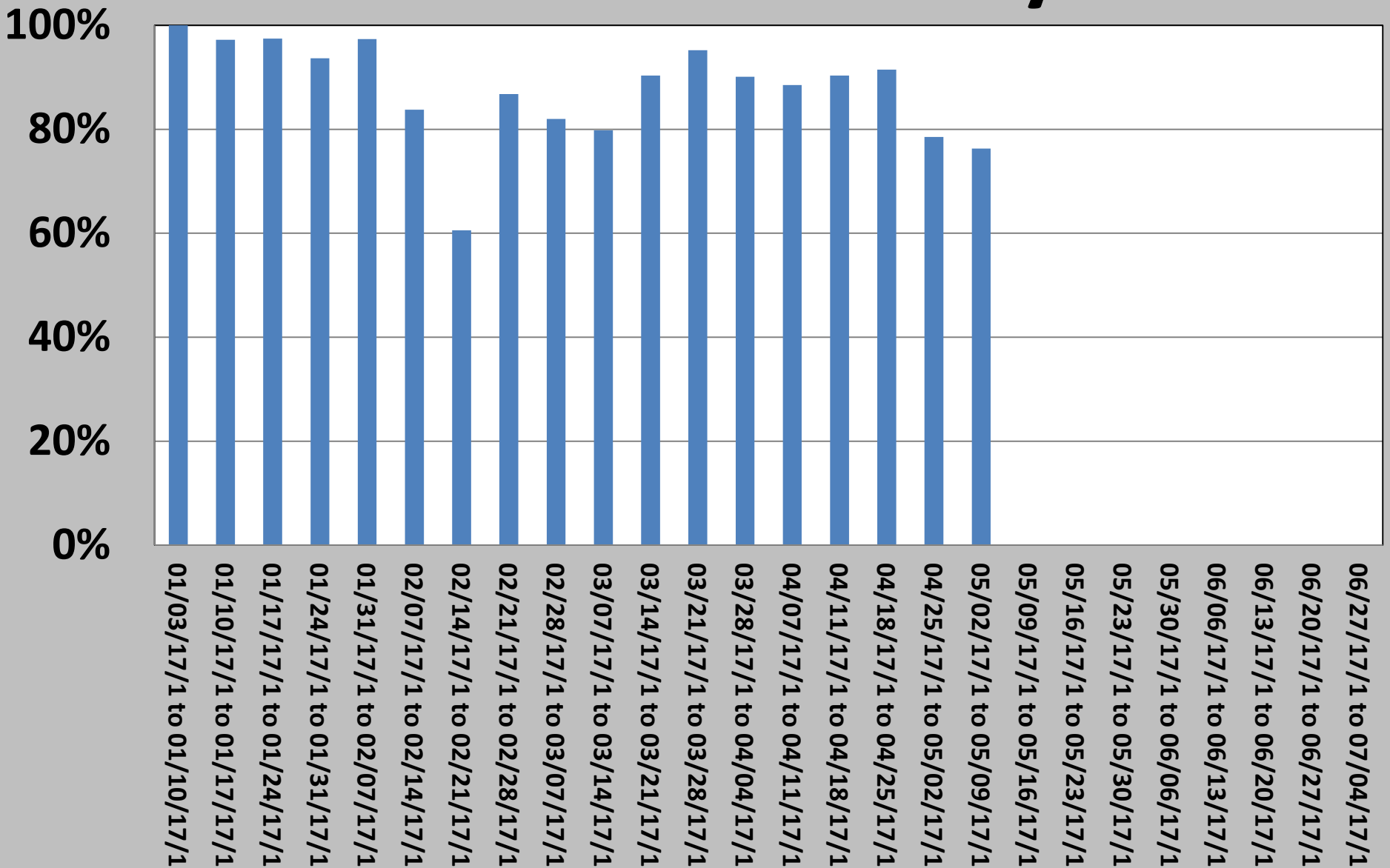
## PPS\_RHIC

Continuing Communications with B Inj Kicker ps

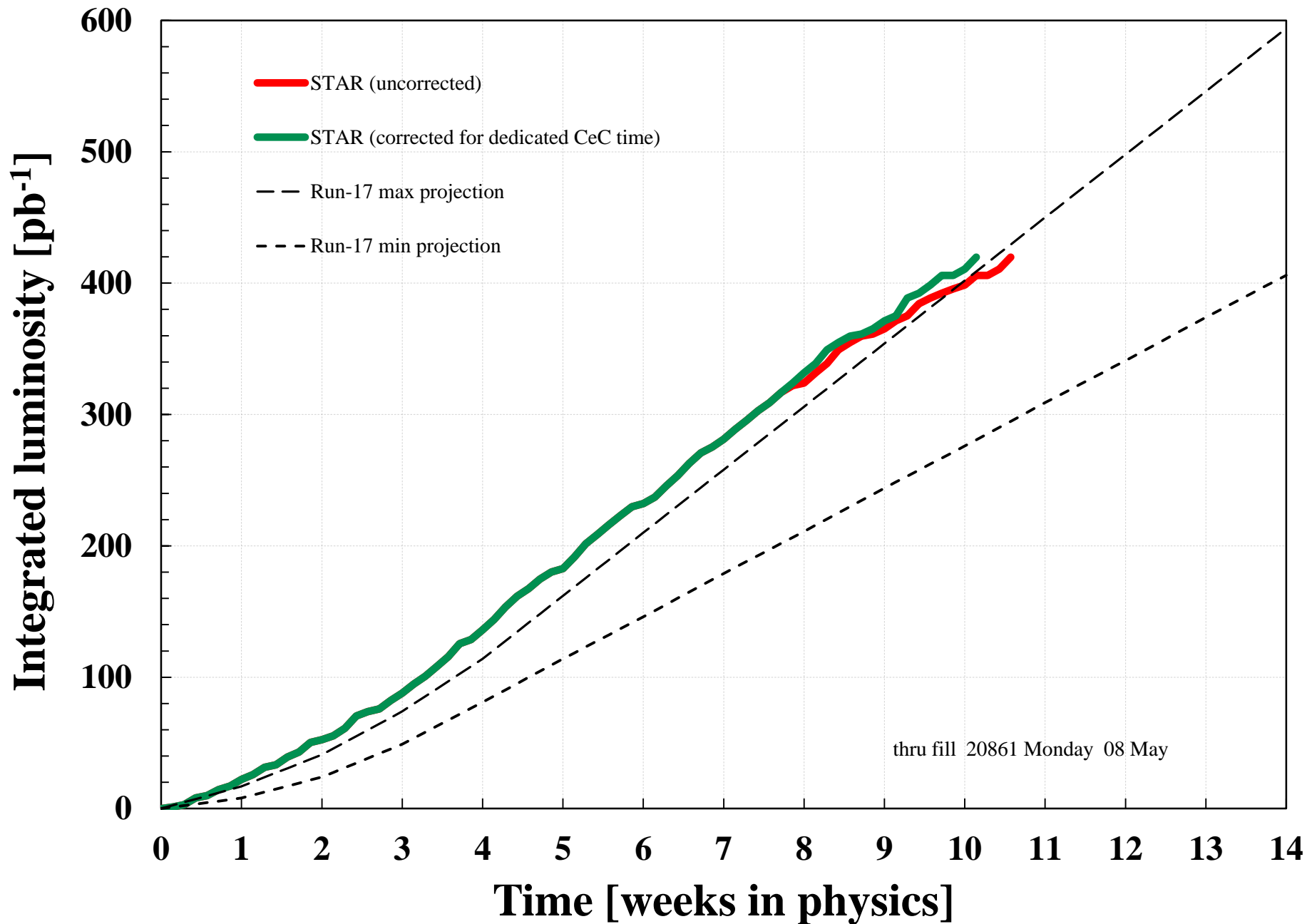
Y abort kicker pre-fire



# Run17 availability



# RHIC Run-17 delivered luminosity, $p\uparrow+p\uparrow$ at $\sqrt{s} = 510$ GeV



# STAR Integrated Luminosity by Week

